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**Askew**

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(54) **DOWNHOLE ADJUSTABLE BENT HOUSING  
FOR DIRECTIONAL DRILLING**

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175/74, 269, 107, 317, 324, 75, 76; 166/50,  
117.5**

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(57) **ABSTRACT**

The present invention provides a hydraulically actuated downhole adjustable bent housing for use in directional drilling of bore holes and wells that allows adjustment of the housing from aligned to a bent configuration without raising or lowering the drillstring. The present invention also provides a method of directionally drilling a bore hole or a well using an downhole adjustable bent housing that can be operated without raising or lowering the drillstring.

**17 Claims, 7 Drawing Sheets**

